

SPECIFICATIONS

Cartridge Type	Condenser (Electret Biased)	
Frequency Response	50 to 20,000 Hz (See Figures 2, 4)	
Output Impedance	150 Ω (actual)	
Phantom Power	48 Vdc \pm 4 Vdc (IEC-268-15/DIN 45 596), positive pins 2 and 3	
Current Drain	5.2 mA typical at 48 Vdc	
Common Mode Rejection	>60 dB, 50 Hz to 20 kHz	
Polarity	Positive pressure on front diaphragm produces positive voltage on output pin 2 relative to pin 3	
Directional Polar Patterns	Cardioid (See Figure 3)	Supercardioid (See Figure 5)
Sensitivity (typical; at 1000 Hz; 1 Pa = 94 dB SPL)	-51 dBV/Pa	
Self-noise (typical, equivalent SPL; A-weighted, IEC 651)	22 dB	
Maximum SPL @ 1000 Hz 2500 Ω load 1000 Ω load	152 dB 152 dB	
Output Clipping Level* 2500 Ω load 1000 Ω load	6.7 dBV 6.0 dBV	
Dynamic Range 2500 Ω load 1000 Ω load	130 dB 130 dB	
Signal to Noise ratio**	72 dB	
Dimensions and Weight	49 mm (1 15/16 in.) maximum body diameter, 191 mm (7.5 in.) long; 300 grams (10.6 oz). See Figure 6.	

*100 Hz to 20 kHz; THD < 1%.

**S/N ratio is difference between 94 dB SPL and equivalent SPL of self-noise A-weighted.

CARDIOID RESPONSE GRAPHS

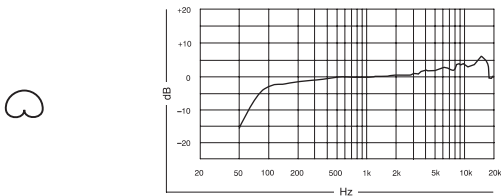


FIGURE 2. TYPICAL CARDIOID FREQUENCY RESPONSE

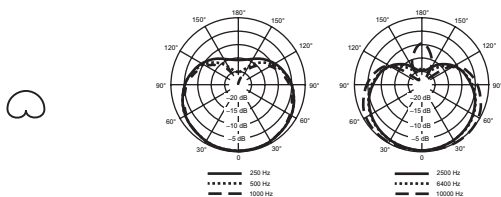


FIGURE 3. TYPICAL CARDIOID POLAR PATTERN

SUPERCARDIOID RESPONSE GRAPHS

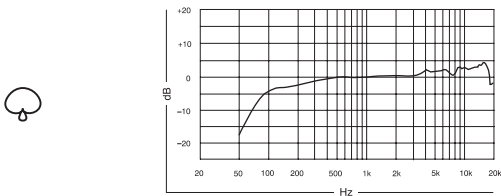


FIGURE 4. TYPICAL SUPERCARDIOID FREQUENCY RESPONSE

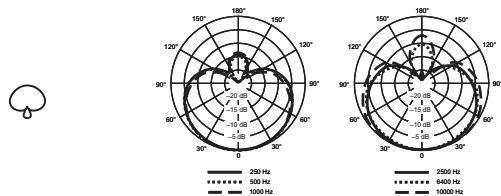


FIGURE 5. TYPICAL SUPERCARDIOID POLAR PATTERN

DIMENSIONS

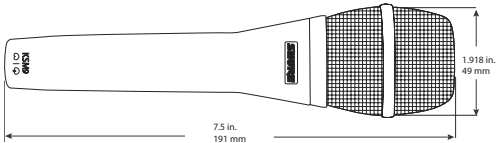


FIGURE 6